Exercise 2: External Blink

Purpose: Repeat Exercise 1 using an external LED.
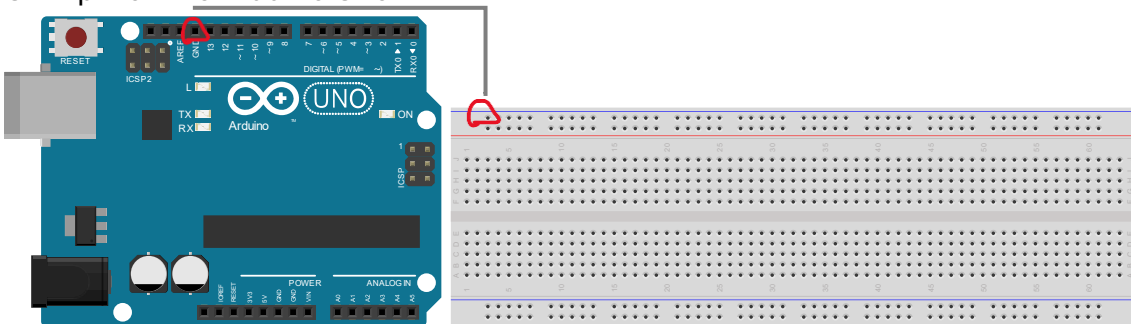
Instructions

1. Unplug your Arduino Uno from the PC.
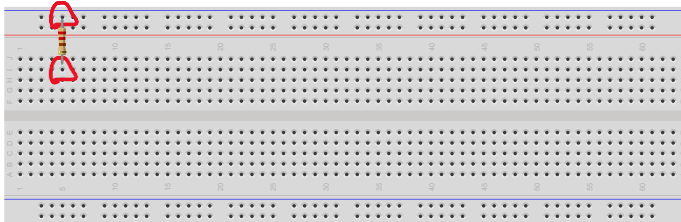2. Locate a red LED from your kit.

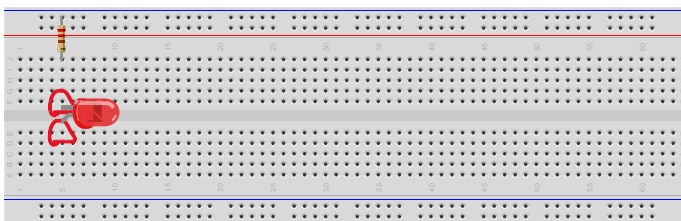3. Locate a 330Ω resistor from your kit.

4. Connect **one** black wire to **one** pin in the rail at the top of your breadboard from **one** GND pin on the Arduino Uno.

5. Bend the ends of the resistor so it makes a "U".
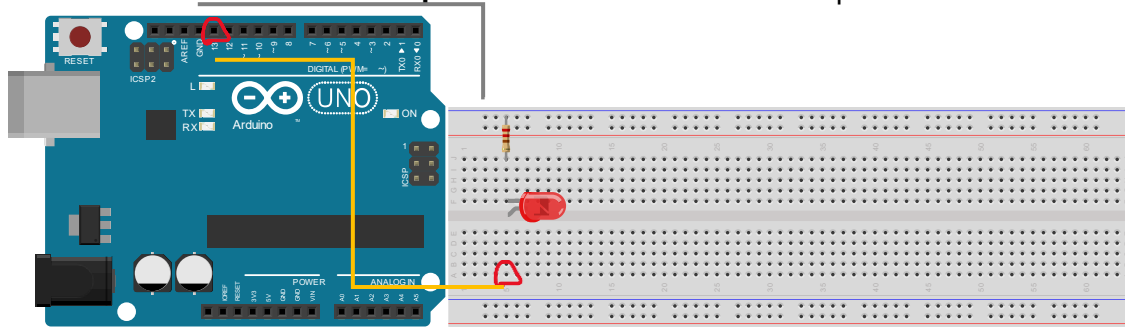6. Place **one** end of the resistor in the GND top rail and the other in a column pin.

7. Place the **short** end of the LED below the resistor and the **long** end in the south end of the breadboard.

8. Connect a coloured wire from **pin 13** of the Arduino Uno to a pin below the LED.

9. Connect the Arduino Uno to the PC and repeat the first Exercise.
10. Verify the onboard LED "L" and the external LED turn on and off together.